

Carlos Oliveira Cruz

List of Publications by Year in descending order

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91
papers

2,033
citations

236925

25
h-index

276875

41
g-index

110
all docs

110
docs citations

110
times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible contracts to cope with uncertainty in public-private partnerships. <i>International Journal of Project Management</i> , 2013, 31, 473-483.	5.6	189
2	Green roof and green wall benefits and costs: A review of the quantitative evidence. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 135, 110111.	16.4	189
3	Green infrastructure and public policies: An international review of green roofs and green walls incentives. <i>Land Use Policy</i> , 2020, 96, 104693.	5.6	128
4	Public-private partnerships for wind power generation: The Portuguese case. <i>Energy Policy</i> , 2011, 39, 94-104.	8.8	90
5	Exogenous Determinants for Renegotiating Public Infrastructure Concessions: Evidence from Portugal. <i>Journal of Construction Engineering and Management - ASCE</i> , 2013, 139, 1082-1090.	3.8	71
6	Endogenous Determinants for Renegotiating Concessions: Evidence from Local Infrastructure. <i>Local Government Studies</i> , 2013, 39, 352-374.	2.2	70
7	Bibliometric Analysis of PPP and PFI Literature: Overview of 25 Years of Research. <i>Journal of Construction Engineering and Management - ASCE</i> , 2016, 142, .	3.8	70
8	Eco-solutions for urban environments regeneration: The economic value of green roofs. <i>Journal of Cleaner Production</i> , 2018, 199, 121-135.	9.3	68
9	Contribution to the study of PPP arrangements in airport development, management and operation. <i>Transport Policy</i> , 2011, 18, 392-400.	6.6	63
10	“Mobility as a Service” Platforms: A Critical Path towards Increasing the Sustainability of Transportation Systems. <i>Sustainability</i> , 2020, 12, 6368.	3.2	56
11	Real Options in Infrastructure: Revisiting the Literature. <i>Journal of Infrastructure Systems</i> , 2015, 21, .	1.8	55
12	Economics of green roofs and green walls: A literature review. <i>Sustainable Cities and Society</i> , 2021, 69, 102781.	10.4	50
13	The determinants of cost deviations and overruns in transport projects, an endogenous models approach. <i>Transport Policy</i> , 2019, 74, 224-238.	6.6	45
14	Infrastructure Public-Private Partnerships. , 2013, , .		38
15	Risk-Sharing in Seaport Terminal Concessions. <i>Transport Reviews</i> , 2012, 32, 455-471.	8.8	35
16	Using the Economic and Financial Reequilibrium Model to Decrease Infrastructure Contract Incompleteness. <i>Journal of Infrastructure Systems</i> , 2013, 19, 58-66.	1.8	35
17	Integrating Infrastructure and Clinical Management in PPPs for Health Care. <i>Journal of Management in Engineering - ASCE</i> , 2013, 29, 471-481.	4.8	32
18	Risk-Sharing in Highway Concessions: Contractual Diversity in Portugal. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2013, 139, 99-108.	0.9	32

#	ARTICLE	IF	CITATIONS
19	Maximizing the value for money of PPP arrangements through flexibility: An application to airports. <i>Journal of Air Transport Management</i> , 2014, 39, 72-80.	4.5	31
20	Exogenous determinants of cost deviations and overruns in local infrastructure projects. <i>Construction Management and Economics</i> , 2019, 37, 697-711.	3.0	31
21	Decision support system for green roofs investments in residential buildings. <i>Journal of Cleaner Production</i> , 2020, 249, 119365.	9.3	31
22	The price of project finance loans for highways. <i>Research in Transportation Economics</i> , 2018, 70, 161-172.	4.1	30
23	Using Probabilistic Methods to Estimate the Public Sector Comparator. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2012, 27, 782-800.	9.8	29
24	Reforming traditional PPP models to cope with the challenges of smart cities. <i>Competition and Regulation in Network Industries</i> , 2017, 18, 94-114.	0.7	29
25	Empirical Evidence for Renegotiation of PPP Contracts in the Road Sector. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2015, 7, .	1.4	28
26	On the concept of sustainable sustainability: An application to the Portuguese construction sector. <i>Journal of Building Engineering</i> , 2019, 25, 100836.	3.4	28
27	Theoretical Considerations on Quantitative PPP Viability Analysis. <i>Journal of Management in Engineering - ASCE</i> , 2014, 30, 122-126.	4.8	25
28	Renegotiation of transport public private partnerships: Policy implications of the Brazilian experience in the Latin American context. <i>Case Studies on Transport Policy</i> , 2019, 7, 554-561.	2.5	20
29	What's the economic value of greening transport infrastructures? The case of the underground passages in Lisbon. <i>Sustainable Cities and Society</i> , 2020, 56, 102083.	10.4	20
30	Understanding the patterns of PPP renegotiations for infrastructure projects in Latin America. <i>Competition and Regulation in Network Industries</i> , 2017, 18, 271-296.	0.7	18
31	Traffic forecast inaccuracy in transportation: a literature review of roads and railways projects. <i>Transportation</i> , 2020, 47, 1571-1606.	4.0	18
32	Investing in Sustainable Built Environments: The Willingness to Pay for Green Roofs and Green Walls. <i>Sustainability</i> , 2020, 12, 3210.	3.2	18
33	Architectural integration of ETICS in building rehabilitation. <i>Journal of Building Engineering</i> , 2016, 5, 178-184.	3.4	17
34	Users' Perceptions of Green Roofs and Green Walls: An Analysis of Youth Hostels in Lisbon, Portugal. <i>Sustainability</i> , 2020, 12, 10136.	3.2	17
35	Airport privatization with public finances under stress: An analysis of government and investor's motivations. <i>Journal of Air Transport Management</i> , 2017, 62, 197-203.	4.5	17
36	Ability to Recover Full Costs through Price Discrimination in Deregulated Scheduled Air Transport Markets. <i>Transport Reviews</i> , 2007, 27, 213-230.	8.8	16

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37	Road-Network Development in Quickly Growing Economies: Brazilian Case Study MG-050. Journal of Infrastructure Systems, 2015, 21, .	1.8	16
38	Ex post evaluation of PPP government-led renegotiations: Impacts on the financing of road infrastructure. Engineering Economist, 2019, 64, 116-141.	1.1	14
39	Economic impact of changing thermal regulation”An application to the city of Lisbon. Energy and Buildings, 2017, 149, 354-367.	6.7	13
40	The Impact of COVID-19 on Highway Traffic and Management: The Case Study of an Operator Perspective. Sustainability, 2021, 13, 5320.	3.2	13
41	Interactive models used in Civil Engineering education based on virtual reality technology. , 2009, , .		12
42	The Renegotiations of Public Private Partnerships in Transportation. Competitive Government, 2021, , .	0.3	12
43	Sustainable Rehabilitation of Historical Urban Areas: Portuguese Case of the Urban Rehabilitation Societies. Journal of the Urban Planning and Development Division, ASCE, 2017, 143, 05016011.	1.7	11
44	”Greening”and comfort conditions in transport infrastructure systems: Understanding users” preferences. Building and Environment, 2021, 195, 107759.	6.9	11
45	Alternative Contractual Arrangements for Urban Light Rail Systems: Lessons from Two Case Studies. Journal of Construction Engineering and Management - ASCE, 2015, 141, 05014017.	3.8	10
46	Design of an Insurance Policy Model Applied to Natural Stone Facade Claddings. Buildings, 2019, 9, 111.	3.1	10
47	Public management and cost overruns in public projects. International Public Management Journal, 2020, , 1-27.	2.0	10
48	The role of green roofs in post COVID-19 confinement: An analysis of willingness to pay. Journal of Building Engineering, 2021, 44, 103388.	3.4	10
49	Is taxation being effectively used to promote public transport in Europe?. Transport Policy, 2021, 114, 215-224.	6.6	10
50	PPP Development and Governance in Latin America: Analysis of Brazilian State PPP Units. Journal of Infrastructure Systems, 2020, 26, 05020003.	1.8	9
51	Problems of cost recovery by European airlines since market liberalization. Transportation Planning and Technology, 2011, 34, 125-138.	2.0	8
52	Role of Public Administration in Fostering Urban Housing Rehabilitation. Journal of the Urban Planning and Development Division, ASCE, 2015, 141, .	1.7	8
53	Flexibility in planning and development of a container terminal: an application of an American-style call option. Transportation Planning and Technology, 2017, 40, 828-840.	2.0	8
54	Renegotiations of Water Concessions: Empirical Analysis of Main Determinants. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 04018073.	2.6	8

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55	Socioeconomic feasibility of green roofs and walls in public buildings: The case study of primary schools in Portugal. <i>Engineering Economist</i> , 2021, 66, 27-50.	1.1	8
56	The Determinants of Time Overruns in Portuguese Public Projects. <i>Journal of Infrastructure Systems</i> , 2021, 27, 05021002.	1.8	8
57	Horizontal bundling of infrastructure managers: The case of Portugal Infrastructure Company (roads and railways). <i>Transport Policy</i> , 2017, 55, 99-103.	6.6	7
58	Thermal Retrofitting of Façades: Architectural Integration of ETICS. <i>Journal of Performance of Constructed Facilities</i> , 2016, 30, .	2.0	6
59	Effect of Private Externalities in Urban Housing Renewal Investment: Empirical Assessment Using a Game-Theory Approach. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2017, 143, .	1.7	6
60	Maximizing the value for money of road projects through digitalization. <i>Competition and Regulation in Network Industries</i> , 2018, 19, 69-92.	0.7	6
61	Institutional “tetris” in infrastructure regulation: Harmonizing governance, regulation and policy-making in the transport sector. <i>Case Studies on Transport Policy</i> , 2019, 7, 22-27.	2.5	6
62	Contract Management. , 2013, , 83-111.		5
63	The Concept of Polycentrism in Infrastructure Networks an Application to Airports. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 111, 68-77.	0.5	4
64	Renegotiation Case Studies. <i>Competitive Government</i> , 2021, , 137-175.	0.3	3
65	Determinants of cost deviations and overruns in UK transport projects. <i>Proceedings of the Institution of Civil Engineers: Transport</i> , 0, , 1-11.	0.6	3
66	Project GENESIS: An All-inclusive Model to Perform Cost-Benefit Analysis of Green Roofs and Walls. <i>European Journal of Sustainable Development (discontinued)</i> , 2019, 8, 85.	0.9	3
67	Improving the Efficiency of Energy Consumption in Buildings: Simulation of Alternative EnPC Models. <i>Sustainability</i> , 2022, 14, 4228.	3.2	3
68	Public “Private Partnership. , 2017, , 103-126.		2
69	Reconstruction Cost Model for Housing Insurance. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2020, 12, 05020007.	1.4	2
70	Renegotiation Analysis. <i>Competitive Government</i> , 2021, , 29-64.	0.3	2
71	Public-Private Partnerships: Infrastructure, Transportation and Local Services. , 0, , .		2
72	The entanglement of time and cost deviations in public projects. <i>Annals of Public and Cooperative Economics</i> , 0, , .	2.4	2

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73	Empirical Analysis of the Effects of Ownership Model (Public vs. Private) on the Efficiency of Urban Rail Firms. Sustainability, 2021, 13, 13346.	3.2	2
74	Public Sector Corruption and Accountability in Cost Deviations and Overruns of Public Projects. Public Organization Review, 2023, 23, 1105-1126.	2.3	2
75	Erratum for "Empirical Evidence for Renegotiation of PPP Contracts in the Road Sector" by Carlos Oliveira Cruz, Rui Cunha Marques, and Pedro Cardoso. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2015, 7, .	1.4	1
76	Public-Private Partnerships for High-Speed Rail Projects: Portugal and Thailand. , 2017, , .		1
77	Methodological Proposal for the Development of Insurance Policies for Building Components. CivilEng, 2020, 1, 1-9.	1.4	1
78	Defining PPP Renegotiations. Competitive Government, 2021, , 9-18.	0.3	1
79	Risk-Sharing in Seaport Terminal Concessions. , 0, .		1
80	Impact of alternative concession models on the economic efficiency of road concessions. Case Studies on Transport Policy, 2022, , .	2.5	1
81	Toll road sector in Brazil: Regulation by contract and recent innovations. Competition and Regulation in Network Industries, 0, , 178359172210878.	0.7	1
82	AEA Highway (Road Sector). Competitive Government, 2022, , 111-126.	0.3	1
83	Insurance Policies for Condition-Based Maintenance Plans of ETICS. Buildings, 2022, 12, 707.	3.1	1
84	Didactic Models in Civil Engineering Education: Virtual Simulation of Construction Works. , 0, , .		0
85	Renegotiation. , 2013, , 113-150.		0
86	The Impact of Laws and Regulations on the Recovery of Distressed PPP Infrastructure Projects. , 2017, , .		0
87	Methodological Proposal for the Development of Insurance Policies for Building Components. CivilEng, 2020, 1, 1-9.	1.4	0
88	Contractual Flexibility. , 2013, , 53-81.		0
89	Interactive Models Based on Virtual Reality Technology Used in Civil Engineering Education. , 0, , 387-413.		0
90	Cost Modeling from the Contractor Perspective: Application to Residential and Office Buildings. Buildings, 2021, 11, 529.	3.1	0

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91	Interactive Models Based on Virtual Reality Technology Used in Civil Engineering Education. , 0, , .		0